



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Wilson et al.

**Serial No.:** 10/614,917

**Filed:** July 7, 2003

**For:** NON-LOT BASED METHOD FOR  
ASSEMBLING INTEGRATED CIRCUIT  
DEVICES

**Confirmation No.:** 7872

**Examiner:** B. Werner

**Group Art Unit:** 2621

**Attorney Docket No.:** 2269-3247.4US  
(97-0254.04/US)

**NOTICE OF EXPRESS MAILING**

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO/SB/08 be considered by the Examiner and made of record. Pursuant to M.P.E.P. 609 III A(2), copies of U.S. patents are not being provided. Copies of foreign patent documents and non-patent literature are enclosed pursuant to 37 C.F.R. § 1.98(a)(2).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicants herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

U.S. Patent Documents

<u>U.S. Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
4,032,949	06/28/1977	Bierig
4,150,331	04/1979	Lacher
4,455,495	06/19/1984	Masuhara et al.
4,534,014	08/06/1985	Ames
4,667,403	05/26/1987	Edinger et al.
4,871,963	10/03/1989	Cozzi
4,954,453	09/04/1990	Venutolo
5,105,362	04/1992	Kotani
5,110,754	05/05/1992	Lowrey et al.
5,219,765	06/1993	Yoshida et al.
5,235,550	08/10/1993	Zagar
5,253,208	10/1993	Kang
5,256,562	10/26/1993	Vu et al.
5,256,578	10/1993	Corley et al.
5,296,402	03/22/1994	Ryou
5,326,709	07/1994	Moon et al.
5,345,110	09/06/1994	Renfro et al.
5,352,945	10/04/1994	Casper et al.
5,355,320	10/1994	Erjavic et al.
5,424,652	06/13/1995	Hembree et al.
5,428,311	06/27/1995	McClure
5,440,240	08/1995	Wood et al.
5,440,493	08/1995	Doida
5,442,561	08/15/1995	Yoshizawa et al.
5,450,326	09/1995	Black
5,477,493	12/19/1995	Danbayashi
5,483,175	01/1996	Ahmad et al.
5,495,417	02/1996	Fuduka et al.
5,504,369	04/1996	Dasse et al.
5,516,028	05/14/1996	Rasp et al.
5,537,325	07/1996	Iwakiri et al.

# Serial No. 10/614,917

5,538,141	07/23/1996	Gross, Jr. et al.
5,539,235	07/23/1996	Allee
5,563,832	10/08/1996	Kagami
5,568,408	10/1996	Maeda
5,570,293	10/1996	Tanaka et al.
5,581,510	12/03/1996	Furusho et al.
5,590,069	12/31/1996	Levin
5,600,171	02/04/1997	Makihara et al.
5,603,412	02/18/1997	Gross, Jr. et al.
5,606,193	02/25/1997	Ueda et al.
5,617,366	04/01/1997	Yoo
5,619,469	04/08/1997	Joo
5,625,816	04/1997	Burdick et al.
5,726,074	03/1998	Yabe
5,764,650	06/1998	Debenham
5,787,190	07/1998	Peng et al.
5,801,965	09/1998	Takagi et al.
5,828,778	10/1998	Hagi et al.
5,865,319	02/02/1999	Okuda et al.
5,867,505	02/1999	Beffa
5,889,674	03/1999	Burdick et al.
5,895,962	04/1999	Zheng et al.
5,963,881	10/1999	Kahn et al.
5,991,699	11/1999	Kulkarni et al.
5,994,915	11/1999	Farnworth et al.
5,976,899	11/1999	Farnworth et al.
6,000,830	12/1999	Asano et al.
6,018,686	01/2000	Orso et al.
6,055,463	04/25/2000	Cheong et al.
6,067,507	05/2000	Beffa
6,072,574	06/2000	Zeimantz
6,075,216	06/13/2000	Nakamura et al.
6,100,486	08/2000	Beffa
6,122,563	09/2000	Beffa
6,130,442	10/2000	Di Zenzo et al.
6,138,256	10/2000	Debenham
6,147,316	11/14/2000	Beffa
6,148,307	11/2000	Burdick et al.
6,190,972 B1	02/20/2001	Zheng et al.
6,194,738 B1	02/27/2001	Debenham et al.
6,208,947 B1	03/2001	Beffa
6,219,810	04/2001	Debenham
6,259,520 B1	07/2001	Zeimantz

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6,265,232 B1	07/2001	Simmons
6,292,009 B1	09/2001	Farnworth et al.
6,307,171 B1	10/23/2001	Beffa
6,350,959 B1	02/26/2002	Beffa
6,363,295	03/2002	Akram
6,363,329 B2	03/2002	Beffa
6,365,421 B2	04/02/2002	Debenham et al.
6,365,860 B1	04/02/2002	Beffa
6,365,861 B1	04/02/2002	Beffa
6,373,011 B1	04/16/2002	Beffa
6,373,566 B2	04/2002	Zeimantz
6,424,168 B1	07/2002	Farnworth et al.
6,427,092	07/2002	Jones et al.
6,437,271 B1	08/20/2002	Beffa
6,441,897 B1	08/2002	Zeimantz
6,504,123	01/2003	Beffa
6,529,793	03/2003	Beffa
6,534,785 B1	03/2003	Farnworth et al.
6,553,276 B2	04/2003	Akram et al.
6,594,611	07/2003	Beffa
6,613,590 B2	09/2003	Simmons
6,636,068	10/2003	Farnworth
6,654,114 B2	11/2003	Zeimantz
6,703,573 B2	03/09/2004	Beffa
6,788,993	09/2004	Beffa
6,895,538	05/17/05	Benedix et al.
6,944,567 B2	09/2005	Beffa

**Foreign Patent Documents**

<u>Document No.</u>	<u>Publication Date</u>	<u>Patentee</u>
JP 02246312 A	10/02/1990	Fujitsu Ltd.
JP 04080949 A	03/13/1992	Hitachi Ltd.
JP 04318911 A	11/10/1992	Matsushita Electric
JP 05013529 A	01/22/1993	NEC Kyushu Ltd.
JP 05121573 A	05/18/1993	Sharp Corp
JP 05315207	11/26/1993	NEC Corp.
JP 06013443 A	01/21/1994	Toshiba Seiku KK
JP 06349691 A	12/22/1994	Hitachi Ltd.
JP 07050233	02/21/1995	Kawasaki Steel
JP 10104315 A	04/24/1998	NEC Corp.
JP 11008327	01/12/1999	Sony Corp
JP 58050728 A	03/25/1983	Mitsubishi Electric Corp.

Serial No. 10/614,917

JP 58052814 A  
JP 58060529 A  
JP 61120433 A  
SU 1151333 A

03/29/1983  
04/11/1983  
06/07/1986  
04/23/1985

NEC Corp.  
Mitsubishi Electric Corp.  
Toshiba Corp.  
Tsvetnoj Metallurgii

Applicants offer to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is believed to be filed before the mailing date of the first Office Action on the merits subsequent to the filing of an RCE in the above-identified application, and therefore no fee is due.

Respectfully submitted,

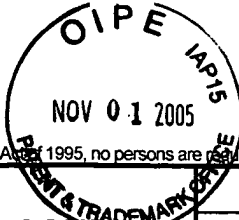


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Date: November 1, 2005  
JRD/ps:lmh

Enclosures: Form PTO/SB/08  
Copy of non-U.S. Patent documents cited

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 5

**Complete if Known**

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First Named Inventor	Wilson et al.
Group Art Unit	2621
Examiner Name	B. Werner
Attorney Docket Number	2269-3247.4US (97-0254.04/US)

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		JP 05013529 A	01/22/1993	NEC Kyushu Ltd.		X
		JP 05121573 A	05/18/1993	Sharp Corp		X
		JP 05315207	11/26/1993	NEC Corp.		X
		JP 06013443 A	01/21/1994	Toshiba Seiku KK		X
		JP 06349691 A	12/22/1994	Hitachi Ltd.		X
		JP 07050233	02/21/1995	Kawasaki Steel		X

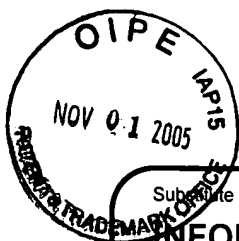
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PTO/SB/08A (10-01)

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STATEMENT BY APPLICANT**

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Sheet

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**Complete if Known**

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Group Art Unit	2621
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		5,442,561	08/15/1995	Yoshizawa et al.	
		5,450,326	09/1995	Black	
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		5,483,175	01/1996	Ahmad et al.	
		5,495,417	02/1996	Fuduka et al.	
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		5,537,325	07/1996	Iwakiri et al.	
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		5,539,235	07/23/1996	Allee	
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		5,568,408	10/1996	Maeda	
		5,570,293	10/1996	Tanaka et al.	
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		5,590,069	12/31/1996	Levin	
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		JP 11008327	01/12/1999	Sony Corp		X
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		JP 58052814 A	03/29/1983	NEC Corp.		X
		JP 58060529 A	04/11/1983	Mitsubishi Electric Corp.		X
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of 5

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**Group Art Unit**

2621

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		5,764,650	06/1998	Debenham	
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		6,018,686	01/2000	Orso et al.	
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Attorney Docket Number	2269-3247.4US (97-0254.04/US)

## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		6,365,421 B2	04/02/2002	Debenham et al.	
		6,365,860 B1	04/02/2002	Beffa	
		6,365,861 B1	04/02/2002	Beffa	
		6,373,011 B1	04/16/2002	Beffa	
		6,373,566 B2	04/2002	Zeimantz	
		6,424,168 B1	07/2002	Farnworth et al.	
		6,427,092	07/2002	Jones et al.	
		6,437,271 B1	08/20/2002	Beffa	
		6,441,897 B1	08/2002	Zeimantz	
		6,504,123	01/2003	Beffa	
		6,529,793	03/2003	Beffa	
		6,534,785 B1	03/2003	Farnworth et al.	
		6,553,276 B2	04/2003	Akram et al.	
		6,594,611	07/2003	Beffa	
		6,613,590 B2	09/2003	Simmons	
		6,636,068	10/2003	Farnworth	
		6,654,114 B2	11/2003	Zeimantz	
		6,703,573 B2	03/09/2004	Beffa	
		6,788,993	09/2004	Beffa	
		6,895,538	05/17/05	Benedix et al.	
		6,944,567 B2	09/2005	Beffa	

## FOREIGN PATENT DOCUMENTS

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